

CLAIMS

I claim:

1 1. A nail gun attachment for installation of roof shingles,
2 comprising:

3 a lifting blade having rear-mounted brackets;

4 an adaptor; and

5 means for mounting said rear-mounted brackets to said
6 adaptor;

7 said adaptor being adapted for removable mounting on a nail
8 gun;

9 whereby upon insertion of said lifting blade beneath an
10 adjacent installed shingle and pushing forward on said nail gun
11 and thus said lifting blade, the installed shingle is lifted such
12 that an uninstalled shingle may be placed under said adjacent
13 shingle and nailed in place by the operation of said nail gun.

1 2. The nail gun attachment of claim 1, wherein said lifting
2 blade has a forward curved lower portion, a center portion and a
3 planar top portion forming a front face, said lower portion
4 curving downward and forward of said center portion, said rear-
5 mounted brackets being mounted on said center portion.

1 3. The nail gun attachment of claim 2, wherein said lifting
2 blade having a rear face corresponding with said front face, the
3 forward curved lower portion of said blade having a chisel-like
4 lower chamfered front end forming a rounded point for insertion
5 under the adjacent shingle.

1 4. The nail gun attachment of claim 3, wherein said rear-
2 mounted brackets are vertically oriented, parallel opposed flats,
3 being horizontally spaced to receive said adaptor.

1 5. The nail gun attachment of claim 4, wherein said adaptor
2 has a generally horizontal, rectangular attachment plate having a
3 front portion and a rear portion and a vertical portion depending
4 said front portion.

1 6. The nail gun attachment of claim 5, wherein each said
2 rear mounted brackets define at least one mutually aligned bore,
3 said adaptor defining a corresponding bore through said vertical
4 portion, said means for mounting said rear mounted brackets to

5 said adaptor being one of a spring detent pin and a bolt and nut,
6 extending through said aligned bores in said brackets and said
7 bore in said adaptor such as to removably retain said brackets
8 over said adaptor.

1 7. The nail attachment of claim 6, wherein each said rear
2 mounted brackets defines two vertically spaced mutually aligned
3 bores whereby said mounted brackets and, thus, said attachment
4 may be mounted at one of two selected heights by aligning a
5 corresponding selected bore with said bore within said vertical
6 portion of said adaptor.

1 8. The nail gun attachment of claim 7, wherein said
2 horizontal attachment plate defines two spaced grooves extending
3 forward from the rear, thereof, said grooves corresponding with
4 spaced front cap screws connecting the nail driver attachment
5 plate to the body of the nail driver.

1 9. The nail gun attachment of claim 8, wherein said adaptor
2 horizontal attachment plate has a central portion and opposite
3 end portions, said central portion defining a cutout to the rear
4 of said central portion.

1 10. The nail gun attachment of claim 9, wherein said spaced
2 grooves are defined by said opposite end portions of said
3 attachment plate.

1 11. The nail gun attachment of claim 10, wherein said
2 depending vertical portion of said adaptor is a channel having a
3 front and opposing sides, said sides defining said bore in said
4 adaptor.

1 12. The nail gun attachment of claim 11, wherein said
2 adaptor is removably attached to said nail gun by means of said

3 cap screws being tightened over said end portions of said adaptor
4 horizontal attachment plate within said spaced grooves, said cap
5 screws holding the nail driver attachment plate to the nail
6 driver body.

1 13. The nail gun attachment of claim 12, further comprising
2 a plurality of adaptors, each having a differing distance between
3 said spaced grooves of said horizontal attachment plate, a
4 selected one of said adaptors corresponding to the spacing
5 between said cap screws on a particular model of nail gun.

1 14. The nail gun attachment of claim 13, wherein said
2 lifting blade is steel plate, said lower curved portion being in
3 the shape of a partial "C", said lifting blade being about 2 3/4
4 inches wide at its top portion and said lower rounded point being
5 about 3/8 of an inch wide.

1 15. The nail gun attachment of claim 14 wherein said
2 brackets are about 3/4 of an inch wide and about 1 inch in
3 height, said aligned bores being about 1/4 of an inch wide.

1 16. The nail gun attachment of claim 15, wherein said
2 adaptor mounting plate is about 2 1/2 inches wide and 1 1/4 inch

3 deep, and said depending vertical channel is about 1 inch long, 1
4 inch wide, and 3/4 inch deep.

1 17. The nail gun attachment of claim 14, wherein said
2 lifting blade is about 1/16 inch in thickness.

1 18. The nail gun attachment of claim 17, further comprising
2 a carbide strips spaced from the outer edge of said lifting blade
3 on at least one of said front surface and said back surface.

1 19. A nail gun attachment for installation of roof
2 shingles, comprising:

3 a lifting blade having rear mounted brackets, said lifting
4 blade having a forward curved lower portion, a center portion and
5 a planar top portion forming a front face, said lower portion
6 curving downward and forward of said center portion, said lifting
7 blade having a rear face corresponding with said front face, the
8 forward curved lower portion of said blade having a chisel-like
9 lower chamfered front end forming a rounded point for insertion
10 under the adjacent shingle, said rear mounted brackets being
11 mounted on said center portion, said rear mounted brackets being
12 vertically oriented, parallel opposed spaced flats;

an adaptor having a generally horizontal, rectangular
~~attachment plate having a front portion and a rear portion and~~

15 having a channel portion depending from said front portion, said
16 channel portion having a front wall and opposing side walls, said
17 opposing side walls defining aligned bores, said adaptor
18 attachment plate defining two spaced grooves extending forward
19 from the rear portion thereof, said grooves corresponding with
20 spaced front cap screw connecting the nail driver attachment
21 plate to the body of the nail driver, said opposing side walls of
22 said depending channel portion defining aligned bores;

23 each said rear mounted brackets defining two vertically
24 spaced, mutually aligned bores whereby said mounted brackets and,
25 thus, said attachment may be mounted at one of two selected
26 heights by aligning a corresponding selected bore with said bore
27 within said vertical portion of said adaptor;

28 a spring detent pin extending through said aligned bores in
29 said brackets and said aligned bores in said adaptor such as to
30 removably retain said brackets over said adaptor;

31 said adaptor being removably mounted on said nail gun by
32 means of said cap screws being tightened over said horizontal
33 attachment plate within said spaced grooves, said cap screws
34 holding the nail driver attachment plate to the nail driver body.

1 20. The attachment of claim 19, further comprising a
2 plurality of adaptors, each having a differing distance between
3 said spaced grooves of said horizontal attachment plate, a
4 selected one of said adaptors corresponding to the spacing
5 ~~between said cap screws on a particular model of a nail gun.~~